

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

SHIN-WOONG KAY

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 10 February 2004

Art Unit: *to be assigned*

For: CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM  
TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF  
THE CABLE MODEM OPERATES ABNORMALLY

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop: Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites,  
provides copies and discusses the following art references:

<b><u>U.S. Patent No.</u></b>	<b><u>Inventor</u></b>	<b><u>Date</u></b>
6,662,368	Cloonan et al.	12/9/2003
6,588,016	Chen et al.	7/1/2003
5,835,125	Bhagavath	11/10/1998
5,790,806	Koperda	8/4/1998

Cloonan et al.'368 discloses variable spare circuit group size and quantity having multiple active circuits.

Chen et al.'016 discloses method and apparatus for locating a faulty component in a cable television system having cable modems.


Bhagavath'125 discloses self-healing configuration for delivering data services on a hybrid fiber-coaxial (HFC) network.

Koperda'806 discloses cable data network architecture.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relative arts.

No fee is incurred by this Statement.

Respectfully submitted,



Robert E. Bushnell

Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: 202-408-9040

Folio: P56974  
Date: 10 February 2004  
I.D.: REB/sb

## INFORMATION DISCLOSURE STATEMENT

PTO-1449 (PAGE 1 OF 1)

**SERIAL NUMBER**

DOCKET NO. P56974

**APPLICANT**

SHIN-WOONG KAY

**FILING DATE** 10 February 2004

**GROUP**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SUBCLASS	YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, etc.)*

[illegible]

**EXAMINER:**

**DATE CONSIDERED:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

this